

2151002

PROCESS FOR PRODUCING MULTILAYERED ANALYTICAL ELEMENT
VERFAHREN ZUR HERSTELLUNG EINES MEHRSCICHTIGEN ANALYSEELEMENTS
PROCEDE DE FABRICATION D'ELEMENT ANALYTIQUE A COUCHES MULTIPLES
PATENT ASSIGNEE:

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...SPECIFICATION element of the invention may be appropriately selected depending on the tested substance to be ***detected*** .

For example, when analyzing ammonia (in cases where the tested substance is ammonia or ammonia-producing substance), examples of a coloring ammonia indicator include: leuco dyes, such as leucocyanine dye, nitro-substituted leuco dye, and leucophthalein dye

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...B> Encyclopaedia Chimica, Vol. 10, pp 63-65, published by Kyoritsu Shuppan K. K. </NPLCIT>); ***triarylmethane*** dye precursors; leucobenzylidene dyes (see <PATCIT ID=PCIT0017 DNUM=JP55000379A> JP Patent Publication (Kokai) Nos...

...diazonium salt and azo dye couplers; and base bleaching dyes. The content of the coloring ammonia indicator with respect to the weight of the binder is preferably in the range of about 1 to about 20% by weight.

The reagent that reacts with an ammonia-producing substance as a tested substance to produce ammonia is preferably an enzyme or a reagent that contains an enzyme; the enzyme suitable for analysis may be selected appropriately depending on the type of the ammonia-producing substance as the tested substance. When an enzyme is used as the reagent, the combination of the ammonia-producing substance and the reagent is ***determined*** by the specificity of the enzyme. Examples of the combination of the ammonia-producing substance...